

INDEX TO THE FIFTY-SECOND VOLUME

OF THE

MINING JOURNAL.

MEETINGS.

Aber and Ynisawdre Coal and Coke Company, 1483; **Adamant Diamond Company**, 648; **African Gold Coast Syndicate**, 1083; **Akankoo (Gold Coast) Mining Company**, 95, 374, 1515; **Almada and Trito**, 24, 810, 1395; **Alabama Coal, Iron, and Land Company**, 585; **Alamillos Mining Company**, 406, 1291; **Anglo Brush Electric Light**, 681, 899; **Anderton Tin Mine**, 1224; **Antioquia (Frontino) Company**, 67, 967, 1024; **Appollonia Gold Mining Company**, 680; **Arizona Copper Company**, 1515; **Aruba Island Gold Mining Company**, 1457, 1483; **Asia Minor Mining Company**, 1073; **Australian Mining Company**, 358

Bavarian Lead Mining Company, 692; **Bedford United**, 660, 692, 1447; **Belt Copper Mines**, 1363; **Beuno Consols**, 25; **Birdseye Creek Gold Mining Company**, 1073; **Boiler Insurance and Steam Power Company**, 255; **Botallack**, 1396; **Bratsberg Copper Company**, 1515; **Brazilian Gold Mines**, 935; **Brush Midland Electric Light and Power Company**, 681; **Breage United Tin Mines**, 555; **British Silver-Lead**, 411; **Broadway Gold Mining Company**, 1544, 1575; **Buena Ventura Mining Company**, 1574

Californian Gold Mine Company (of Colorado), 1575; **Canadian Sulphur and Copper Company**, 59; **Cankim Bamoo Gold Mines**, 1291; **Cannock and Huntington Colliery Company**, 1176; **Callao Bis Mining Company**, 1203; **Cambrian Company**, 248; **Carn Brea**, 352, 1355; **Carn Camborne Mining Company**, 151; **Cathedral Consols**, 375, 898, 1447; **Cape of Good Hope Diamond Mining Company**, 552; **Carnarvon Copper Company**, 812; **Cape Copper Company**, 866; **Cardiff and Swansea Smokeless Steam Coal Company**, 906; **Carta Para Gold Mining Company**, 958; **Central Foxdale Mining Company**, 811; **Central Wynaad Gold Mining Company**, 995; **Central Mining Company of Dorstfontein**, 1355; **Central Jagersfontein Diamond Mining Company**, 1455; **Cesena Sulphur Company**, 1058; **Cherambadi District Mining Company**, 219, 364; **Chile Gold Mining Company**, 898; **Chontales Company**, 907; **Cleveland Extension Mineral Railway Company**, 1052; **Cood Mawr Pool Mine**, 128; **Consolidated Mining Company**, 150; **Colar Gold Mining Company**, 151; **Cotton Powder Company**, 255; **Corporation of South Australian Copper Mines**, 489; **Coed-y-fewd and Pant-y-buarth Lead Company**, 626; **Cornwall Great Consols Company**, 752, 996; **Cotehele Mining Company**, 907, 1024; **Cook's Kitchen**, 908; **Colorado United**, 957, 1202, 1506; **Colombian Hydraulic Company**, 1073; **Copiapó Mining Company**, 1363, 1457; **Cootacol Gold Company**, 1395; **Crookes Mining and Smelting Company**, 969; **Cwm Dwyf for Mining Company**, 1331, 1457

Date Coffee Company, 565; **Darlington Iron Company**, 416; **Derwent Lead Mining and Smelting Company**, 772; **Denbighshire Consolidated Mining Company**, 867; **Devala Provident Mining Company**, 151, 187, 304, 1355, 1455, 1563; **Devala Central Gold Mining Company**, 604; **Devala Moyar Gold Mining Company**, 1575; **Devon Great Consols**, 619, 1423; **Devon Great United**, 649, 1447; **Devon and Cornwall Electric Light and Power Company**, 1084; **Dolcoath Mining Company**, 159, 556, 908, 1267; **Don Pedro North del Rey Company**, 680, 800, 1074, 1514

East Pool Mining Company, 128, 523, 899; **East Wheal Rose**, 220, 691, 1565; **East Van**, 303; **East Chiverton**, 375, 1544; **East Long Rake**, 555; **East Roman Gravels Lead Mining Company**, 959; **East Craven Moor**, 1322; **East Tregembo Tin Mine**, 1457; **Eberhardt Company**, 680; **Ebbw Vale Steel, Iron, and Coal Company**, 802; **Economic Life Assurance Society**, 522; **Edinburgh Geological Society**, 505; **Electric Light and Power Generator Company**, 802, 899; **Electric Lighting Contract and Maintenance Company**, 906; **Ennau Silver Mine Company**, 743; **Emily Copper Mines**, 1567; **English and Australian Copper Company**, 219, 812, 1024; **English-Australian Gold Mining Company**, 866

Faure Electric Accumulator Company, 648, 680, 802; **Flagstaff District Silver Mining Company**, 1562; **Fortuna Mining Company**, 406, 1290; **Fortescue (Stannagwyn) Native Tin, Copper, Silver, and Arsenic Company**, 1524; **Frontino and Bolivia Gold**, 67, 187, 779, 898

Gawton Copper Company, 187, 270; **General Mining Association**, 439, 1396; **Glasgow Caradon Consolidated**, 159; **Glenroy Lead Mining Company**, 968, 1323; **Gold Coast Mining Company**, 59; **Gold Mining Association of Canada**, 95, 680; **Gold Hill Mining Company**, 957; **Gold Mining Trust**, 957; **Gover Consols**, 1292, 1323, 1331; **Goodereve Tin Mining Company**, 801; **Great Western Electric Light and Power Company**, 681, 719; **Great Southern Mysore Mining Company**, 150; **Great Dyliife Mining Company**, 304; **Great Western Colliery Company**, 335; **Great Holway and Sinclair Mines**, 366; **Great Holway**, 376; **Great Laxey Mining Company**, 438, 1236; **Great Snaefell Mining Company**, 1396, 1484; **Green Hurth**, 335; **Guinea Coast Gold Mining Company**, 270; **Gunnislake (Clitters) Mining Company**, 868, 1354; **Gulcher Electric Light and Power Company**, 1075; **Gwern-y-Mynydd Company**, 407; **Gwydyr Amalgamated**, 1176

Haven Gold Mining Company, 158; **Hawkins Hill Consolidated Mining Company**, 489; **Hammond Electric Light and Power Supply**, 618; **Herdsfoot Mining Company**, 1567; **Hingston Down Consols**, 681, 1456; **Hoover Hill Gold Company**, 956; **Hultafall Mining Company**, 1291; **Hungarian Copper Company**, 67, 1291

Indian Queens Consols, 95, 1292, 1331; **Indian Glenrock**, 158, 270, 810; **Indian Gold Mines**, 220, 906, 1364; **Indian Mammoth Gold Mines**, 541; **Indian Trevelyan Gold Mining Company**, 604; **Indian Phoenix Gold Mining Company**, 966; **Indian Consolidated Gold Mining Company**, 1543; **Institution of Mechanical Engineers**, 988, 994, 1305,

1381; **Inventors' Institute**, 505; **Iron and Steel Institute**, 1142, 1184, 1226; **Isabelle Gold and Silver Mining Company**, 897; **Isle of Man Mining Company**, 1176; **Iceland Sulphur and Copper Company**, 959

Javali Company, 553; **Kapanga Gold Mining Company of New Zealand**, 957; **Killifreth**, 556, 1024; **Kit Hill Great Consols**, 650, 1423; **Kimberley Central Diamond Mining Company**, 800, 1176, 1574; **Kirk Michael Mining Company**, 1052; **Kimberley North Block Diamond Mining Company**, 1455; **Kohinoor Silver Mining Company**, 896, 1175, 1235

Langford Copper and Silver Company, 220; **Llandegla Mining Company**, 220; **Lady Bertha Copper Mining Company**, 587; **Lake Superior Native Copper Company**, 967, 1506, 1568; **Last Chance Consolidated Silver Mining Company**, 1321; **La Societe Anonyme des Mines et Fonderies de Pontgibaud**, 1484; **Leadhills Silver-Lead Mining and Smelting Company**, 271, 996; **Linares Lead Mining Company**, 406, 1290; **London and South Wales Colliery Company**, 220; **London and California Mining Company**, 440, 1266, 1446; **London and Provincial Electric Lighting and Power Generating Company**, 1084

Manchester Geological Society, 300, 505, 831, 1382, 1505; **Marbella Iron Ore Company**, 303; **Mason and Barry**, 561, 752; **Marke Valley Company**, 899, 1267; **Mellancar Copper Mine Company**, 490; **Meteorological Society**, 509, 605, 788, 1596; **Mechernich Mining Company**, 585; **Missouri Lead Mining and Smelting Company**, 1513; **Michipicoten Native Copper Company**, 219, 1143; **Mining Institute of Scotland**, 475, 619, 728, 881, 1022, 1150, 1301, 1596; **Midland Institute of Mining Engineers**, 851; **Mining Company of Ireland**, 936; **Mid Devon Copper Company**, 1052; **Miners' Association**, 1101; **Mining Institute of Cornwall**, 1463; **Mount Carbis Mining Company**, 68, 1355; **Monkstone Manganese Mine**, 366, 408; **Moonta Mines**, **South Australia**, 564; **Mona Mines**, 681, 1396, 1574; **Morfa Du Mining Company**, 1083; **Mount Bay Consols Mining Company**, 1566; **Muntz's Metal Company**, 385; **Mwyndy Iron Ore**, 366; **Mysore Reefs Gold Company**, 801, 896, 1483; **Mysore Gold Mining Company**, 1561

Nava de Jadra Mining Company, 364; **National Provincial Bank of England**, 561; **Newfoundland Consolidated Mining Company**, 364; **Newport Abercarn Black Vein Steam Coal Company**, 843, 1017; **Nerbudda Coal and Iron Company**, 626; **New Kitty Company**, 24, 522, 1074, 1564; **New West Caradon**, 67, 617; **New Callao Mine**, 331, 752; **New Emma Mining Company**, 552; **New Redmoor Mining Company**, 650, 1084; **New Trumpet Consols**, 681; **New Cook's Kitchen**, 908; **New Querbrada Company**, 936; **New Benhau Coal Company**, 968; **New Holmbush Mining Company**, 1084; **New Terras Mining Company**, 1322; **Nine Reefs**, 407, 553, 1483; **Northern Lead Mining Company**, 12, 554; **Nouveau Monde Mining Company**, 160; **Nobel's Explosives Company**, 488; **North Penstrith**, 375, 898, 1447; **North D Eresby Mountain Mining Company**, 587; **North Staffordshire Mining Institute**, 584, 647, 1522; **North Busy Mining Company**, 811, 1396; **North Levant Mining Company**, 996; **North Hendre Lead Mining Company**, 1354; **Nundydroog Gold Mining Company**, 801

Okel Tor Mining Company, 907, 1024; **Old Owlcombe Mines**, 303, 691; **Old Shepherds Mining Company**, 490, 1566; **Oregum Gold Mining Company**, 150; **Orion Diamond Mining Company**, 866; **Phoenix United**, 1455; **Panulicillo Copper Company**, 552; **Parys Copper Corporation**, 617; **Pen-y-Orysedd Lead Mining Company**, 68; **Pelym Wood Copper Mine**, 335, 868, 1424; **Pearson, Knowles, and Company**, 345; **Pedn-an-dres**, 1424; **Pestarena United Gold Mining Company**, 1576; **Phoenix United**, 1545; **Phoenix and West Phonix**, 88, 1084, 1576; **Phosphor Bronze**, 160; **Pierrefitte Mining Company**, 1322; **Placer Gold Quartz Company**, 778; **Port Phillip and Colonial Gold Mining Company**, 150; **Potosi Gold Mining Company**, 1175; **Polcrebo**, 1176, 1515; **Prince of Wales**, 376, 908, 1355, 1396; **Protector Endowment Loan and Annuity Company**, 406

Quartz Hill Consolidated Company, 586, 897, 935, 1024

Railway and Electric Appliances Company, 959; **Rara Fortuna Silver Mining Company**, 648; **Ravenscliffe Mining Company**, 1516; **Red Mountain Mining Company**, 58, 1574; **Rhodes Reef Gold Mining Company**, 743; **Rio Tinto Company**, 584; **Richmond Consolidated Mining Company**, 659, 1542; **Rio Grande du Sul (Brazil) Mining Company**, 691, 801, 1483; **Ripon Gold Mining Company**, 743, 1322; **Rio Malagon (Sulphur, Copper, and Silver) Mines**, 810; **Roman Gravels Mining Company**, 553, 1204; **Royal School of Mines**, 1516; **Royal Cornwall Geologist Society**, 1581; **Ruby and Dunderberg Mining Company**, 58, 210, 248, 800, 1561; **Russell United Mines**, 1267, 1354

Saint John del Rey Mining Company, 800, 1562; **Saint Just United**, 440, 959, 1446, 1464; **Santa Cruz Copper and Sulphur Company**, 151; **Scottish Australian Mining Company**, 500, 1300; **Scottish Australian Investment Company**, 616; **Schwab's Galley Diamond Company**, 1446; **Sinclair Lead Mining Company**, 210; **Sierra Buttes Gold Mining Company**, 439, 1266; **Silver Hill Mining Company**, 691; **Simons Reef Consolidated Gold Mining Corporation**, 1236, 1266, 1355; **Silver Peak Mining Company**, 1563; **Smithfield Ironworks**—T. Green and Son, 936; **Society of Engineers**, 1537; **Southern India Alpha Gold Mining Company**, 906; **Souback and Catir Alan**, 58, 752; **South Condurrow**, 25, 490, 908; **South Indian**

Gold, 158, 270, 334; **South Devon United**, 159, 270, 1143; **South Staffordshire and East Worcestershire Institute**, 269, 428, 741, 831, 1015, 1102, 1381, 1432, 1505; **South Caradon Mine**, 271, 936, 1300; **South Darren**, 303; **South Dolcoath**, 334; **South Penstrith**, 375, 898, 1447; **South Tolcarne**, 408, 1292; **South-East Wynaad**, 439, 1562; **South Wheal Crebor**, 554, 617; **South African (Brush) Electric Light and Power Company**, 772; **South Wheal Crofty**, 779, 1517; **South Wales Institute of Engineers**, 884; **South Staffordshire Mining Institute**, 1016; **South Staffordshire Mill and Forge Managers Association**, 1153, 1475; **South-West Lancashire Coalowners Association**, 1371; **Spanish Tin Company**, 408

Tamar Silver-Lead and Fluor Spar Company, 1023; **Tambracherry Estates and Wynaad Gold Company**, 1073; **Tankerville Great Consols**, 553, 1203, 1299; **Taunus Silver-Lead and Copper Company**, 1561; **Telegraph Construction and Maintenance Company**, 899; **Tharsis Sulphur and Copper Company**, 523; **Tin Hill Mining Company**, 406; **Tin-croft Mining Company**, 1364; **Tocopilla Copper Company**, 616; **Tolima Mining Company**, 1567; **Treavaunance and Wheal Colt**, 304; **Tregembo Mining Company**, 408, 772; **Tresaunace Mining Company**, 491, 1567; **Treborth Lemarne Mining Company**, 752; **Trewitton Company**, 899; **Trevau-nance United Mines Company**, 959, 1456

United Van Consols and Glyn Mining Company, 467, 1084, 1204, 1323; **United Mexican**, 553, 1363; **United Shepherds Wheal Rose**, 743; **Van Mining Company**, 367; **Van Railway Company**, 228; **Virneberg**, 24; **Victoria (London) Mining Company**, 150; **Victoria Philosophical Institute**, 541; **Victoria Diamond Mining Company** of De Beor, 1514; **Victorian Gold Mining Company**, 1576

Wassau (Gold Coast) Mining Company, 1124, 1245; **Wentworth Gold Mining and Indian Estates Company**, 1363; **Western Andes Mining Company**, 967; **West Caradon**, 67, 617; **West Crebor**, 128, 302, 692, 1397; **West Godolphin**, 159, 1267; **West Kitty**, 364, 958, 1456; **West Polbren**, 365, 811, 1351; **West Chiverton**, 375; **West Bassett**, 440, 1267; **West Lisburne**, 802; **West Patelye Bridge Mine**, 899, 1565; **West Craven Moor**, 1323; **West Prussian Mining Company**, 1364; **West African Gold Fields**, 1395; **West Wheal Peevor**, 375; **West Wheal Frances**, 505; **Wicklow Copper Company**, 554; **Wynaad Perseverance Estates and Gold Company**, 489, 1563; **Wynaad District Gold Mining Company**, 648; **Wheat Grenville Mining Company**, 211, 586, 1084, 1424; **Wheat Hony and Trelawny Mining Company**, 219; **Wheat Agar Mining Company**, 303, 1323; **Wheat Peevor Mining Company**, 366, 843, 1364; **Wheat George Lead Mining Company**,

INDEX TO THE MINING JOURNAL.

Hoover Hill Gold Mine, 115; R. Porter, 146; 206; J. S. Trotter, 954; J. Remfry, 1103; 1224
Hudson Bay shares, 298, 330
Huntington Copper and Sulphur Company, 583, 986, 1223
Hivedesoid Silver and Copper Mines, 518
Indian Gold Mine, treatment of pyrites, J. Polkinghorne, 737; H. Moon, 215, 265; 237, 645, 517, 661; Rickard Bros., 265; O. Pegler, 549; 1161, 1522; W. Abbott, 757, 829, 1403; 1102, 1286
reefs, curious phenomena, 1253
ores, extraction of gold, from, F. Morris, 1286
gold companies, 54, 114, 394; 709
Phoenix Mining Company, C. A. W. Rixon, 114
Glenrock Gold Mining Company, 1318
mining, South-West *Wyns*ad, 485
Queens and Parks Consols, 428
gold mines, and Mr. Brough Smyth, J. W. Minchin, and the winding-up system, 1441 [1413
gold mines, 1473, 1552
Inductive Scientific Mineralogical Institution, J. Williams, Inventive diamond historians, 458 [460
Investment and Investigation, 1152
Ireland, the peat bogs, W. Thomas, 267
idea of a hope for, 519
mining in, 596
mineral resources of, F. Ashwell, 1163, 1223
Iron industry of New South Wales, the, 1441
Isabelle Mine, 517
Kapanga Gold Company, 395, 518, 769
Key note to wealth, T. J. Barnard, 426; 488
Kilkenny cats, the, 178
Killifreth Mine, 362, 1105
Kimberley diamond mining, 861
Kohinoor Company, 330
Kongsberg Silver Mine, Norway, J. Lean, 115
La Concepcion Mining Company, R. Angus, 115
La Plata Mining and Smelting Company, R. Richard, 298; W. Abbott, 854
Lake Superior Native Copper Company, D. Morris, 168
Llanarmon, visit to, J. A. Ede, 770
Llangollen Silver and Copper, 831, 893
Lead ore royalties, 113
— mining in British Burmah, 147
— D'Essey district, 239
— mining, 738
— production in Germany, 875
— mining in Cardiganshire, 1041
— mines and their prospects, 1046
— ores, treating undressed, 1134, 1164
— rise in, 1254
Leadhills Mining Company, 299, 331, 363, 394
Life-saving appliances, exhibition of, W. Martin, 954
Local concentration of the poor copper and silver ores of Cornwall, 830
Lydenburgh gold fields, R. J. Atcherley, 645
Marbella Iron Ore Company, 178, 299, 583
Marke Valley Mine, 239
Manitoba, rambles in, 1533
Muddling with persons and matters which no not concern us, J. Lean, 711
Mexican mines, J. Robertson, 1492
Michipicoten Native Copper Company, 86, 788
Mines, refuge places in, 1041
— timber, preservation of, 1105
— securing safety in, J. Onions, 1164
— neglected, 1195
— optional purchase of, J. L. M. Fraser, 1224
— indiscriminate investment in, 1351
— in America, profitable, T. Cornish, 1552
Mining in New South Wales, 53, 299, 425, 487, 861, 1162, 1414, 1501, 1593
— South Australia, J. B. Austin, 54, 177, 459, 549, 677, 737; — Perranzabuloe, 87 [985, 1162, 1286, 1413
— Corsica, 146
— Breage, R. Symons, 300
— Tavistock, W. Mariborough, 363
— the Vor district, R. Symons, 428, 1164
— Cardiganshire, 519, 1276
— Carmarthenshire, 614
— Wales, J. L. M. Fraser, 711; 738
— the Llandilo district, 954
— St. Agnes, 954
— Ireland, J. Phillips, 1041, 1194
— Brazil, 1103
— the Caradon district, S. J. Vincent, 1194
— Callington district, J. Buckingham, 1223
— Gwennap, R. Symons, 1223
— district, C. Badwin, 174
— in Spain, J. A. Jones, 1595
Mining speculation in San Francisco, 362
— laws in Norway, 518
— criticism, 460
— disasters, and coroners' juries, Smith and Steward, 798
— and industrial enterprise, 798
— progress in Brazil, 830, 1502
— enterprise in Brazil, 832, 1552
— delusion of, R. Knapp, 330
— the present aspect of, 460, 488
— leases, 677, 1164, 1195 [797
— enterprise on the Gold Coast, 703, 737; R. McCarthy and smelting in Colorado, J. Fitz-Brind, 925, 1014
— enterprise in Queensland, 1014
— as a business and commercial pursuit, R. Knapp, 1442
— critics, 1474
— the conduct of, the criterion of success, R. Knapp, 1501
— experiments at Leycett, J. Macnab, 1523
Mineral veins, &c., 458
— resources of Queensland, 1162
— veins, see in, J. Van C. Phillips, 239; J. Williams, 396
— or productivity of, in Mexico, G. Wilson, 830
— resources of Ireland, T. Tonkin, 1308, 1332, 1386, 1403, 1445, 1474; W. H. Bowe, 1502; 1524
— of Colorado, Gilpin County, 1349
— resources of Scandinavia, 1442
Mounts Bay Consols, J. James, 178; R. Symons, 289
— and Old Shepherd, D. Treherne, 1105; 1255
Monrose Slate Quarries Company, W. Bradshaw, 1255
Molybdenum and its salts, C. G. Jung, 268
Moonta Mines, and rock-drills, 1413 [Goodwin, 1474
Motive-power from falling water, obtaining, Brinjies and Mulberry Tinworks, 488, 1384, 1534
Mullock, 1595
Mysore Reefs Mining Company, 114; H. W. Tulloch, 425; H. Moon, 829, 861; P. A. Eagle, 21; J. H. Allen, 145, 1350; J. Clare, 1382; J. Harvey, 1533
— Solar (gold) field, 54, 205, 237, 330
— gold fields, Balaghat Gold Mining Company, Arbutus not and Co., 1013; 1161
— Gold Company, 237, 485; J. Clare, 1071, 1103, 1134; O. district, and Mr. Bray, 205, 237, 353 [S. Blair, 953
New Gollivare, W. J. Thompson, 518
New Gallo, 207; R. Cooke, 238, 330, 750, 1287, 1318; T. J. Warner, 1287, 1350, 1413; J. A. Skerthley, 1287; Greenfield and Abbott, 1193; L. Davis, 1222; 1383, 1473
— Company, floating and management, an autocratic vendor, 1254
— process for making iron and steel, J. R. R. Keane, 797
— Great Work, R. Symons, 926
— Wheal Vor, Green East Vor, and North Metal Mines, R. Symons, 926, 1105, 1288
— system of ventilating mines, 518
— Emma and Flagstaff district, 550
— mineral district of North Wales, 551; C. Kneebone, 563; T. Evans, 615; C. J. Arnold, 646
— Querubias Mining Company, 645, 677, 709, 738, 770, 1041, 1045; Terns Mine, R. Symons, 710, 531, 1286; 738 [1254
— Gunniakale, 1288
— amalgamating machine, H. Moon, 1103
— Callio v. West African Company, 1441
— Zealand and Ireland, 1473
— process of making steel, P. G. Gilchrist, 1502
— Torwood Manganese and Silver-Lead Mine, 1502
Neglected securities, 362
Nevada mining—then and now, R. Knapp, 266
Neigherry Gold Mining Company, 266, 330
Nickel mining in England and Wales, 770
Nobell patent blasting galatine, 67, 227, 582, 613, 678
North Main Mine, R. Symons, 986, 1071, 1384
— Cornwall Railway, 678
— Alfred Consols, J. M. Dermott, 362, 438
— Grogginion, 1134
— Wingfield Colliery Company, the, 1415
— Coast of Cornwall, Pentire Glaze Mine, C. Kneebone, Northern Lead Mining Company, 488 [1415
— Curtis, 1442 [298, 518
Nouvel Monte Mining Company, 86, 115; B. Anthony, 535
Nundydrog Gold Mining Company, S. Richards, 789
Olathe Silver Mining Company, R. Cooke, 55; H. Kendrick, 136, 265, 295, 329; 145, 361, 318
Old Shepherd and the Press, 1415
Oregum Gold Mining Company, T. W. Martin, 160, 177, 206; F. Watkinson, 297, 361, 737, 1041; 330, 458, 1013
Organo Gold Mine, T. Thompson, 862; 924; Williams and Co., 933; C. Russell and Co., 976; A. Gray, 1014
Our gold supply, T. Cornish, 329; 395, 426, 618, 550, 596
— railway interest, the London and North-Western Rail-way, 727
— patent laws, C. Harvey, 1070

Panuelillo Mining Company, 550
Parkend and New Fancy Collieries, 249
Parrys Mountain Mines, 428, 450, 1255
Patent laws, the, R. Tangye, 1105
Peat, treating fibrous, E. R. Knowles, 738
Penhalls Mine, the improvement at, 1195
Pentire Glaze Silver-Lead Mine, T. M. Pascoe, 1352; W. Paynter, jun., 1384, 1443
Perran Silver-Lead Consols, G. O. Malley, 1194; 1352
Pestarena Gold Mining Company, 645
Philadelphia and Reading Railroad Company, 759
Phoenix United, 466, 1071, 1105
— and West Phoenix, W. Polkinghorne, 615
Pierrefitte Company, 893
Pillaton Manganeze, H. A. Nevin, 115
Polcrebo Tin Mine, 1135, 1224, 1502
Potosi Gold Mines, B. Symons, 798
Practical gold mining, T. Cornish, 383
— mining instruction in Germany, P. W. S. Monteath, shaft sinking, 1384, 1443 [1487
Price of lead and lead shareholders, A. Francis, 710, 733
Profits of a mine, and their application, R. Symons, 863
Progressive and dividend-paying properties, 1104
Professors and mine reports, 1352
Pyrenean Mine, 1307
Pyrates in Indian Phoenix and generally, 939, 976, 1014
Quartz Hill, 12; E. Jenkins, 77, 394
Quicksilver, J. Bennett, Brothers, 53, 287, 331, 447, 581, 727, 737, 851, 975, 1032, 1692, 1133, 1243, 1491
— in Exeter, 1212
Railway goods, and mineral traffic superseded by the end-less railway traction engine system, W. J. Thompson, Rhuddu district, 87, 1071, 1384 [1350
Richmond Consolidated, 55, 177, 362, 394, 426, 486; W. H. Higgins, 550; 710, 1104, 1287; H. Akers, 449; 613; 619; and its prospects, 238 [E. Davis, 646
— and Albion Mine, 518
Rocks Tin Mine, R. Symons, 863
Rock-drill contest in Cornwall, J. McCulloch, 1194, 1222, 1255; Hathorn and Co., 1223; G. F. Wynne, 1265; Holman Brothers, 1255
— drills and Cornish mines, F. B. Doering, 1595
Royal Cornwall Polytechnic Jubilee, P. Watson, 1152
Ruby and Dunderberg, 12, 22, 298, 329, 550, 1551
Russell United, 1288
Safety-lamps and mining explosions, J. L. Hedley, 237
Sacrifice of shareholders in liquidation, J. Buckingham, 1502
San Pedro (Chili) Mining Company, 1223, 1318
Santa Cruz Sulphur and Copper Company, 22, 44, 54, 58, 238, 1552; J. Lean, 265
Sear canals in Great Britain, F. A. Owen, 519
Sentein Silver-Lead and Blende Mining Company, 728, 1552
St. John del Rey, and the Catta Branca blacks, 954
— ex slaves of the Brazilian Catta Branca Company, 1069
— Tenth district, and its mines, W. Paynter, jun., 1502
Shareholders, liability of, W. Battye, E. Tombs, 178
Shropshire lead mines, 147, 551, 925, 948, 986, 1015, 1042, 1071, 1104, 1194, 1255, 1352, 1384, 1415, 1502, 1534, 1552
Silver Hill Mine, W. Bennett, 208; 1164, 1195, 1267, 1351; G. Rickard, 1300
— Valley Mine, Beall and Co., 239; 395, 551
— Valley, Great Polgoon, and Wheal Elizabeth, 770
— at Callington, hints, 1553
Smelters' profits and the miners', 1319
Sorridge Copper Mining Company, 770
Souback and Catir Alan, C. Morcau, 928; 1151
South Devon Copper Mine, C. Robins, 23, 147, 711
— Devon United, C. Robins, 56, 116, 395, 1442, 1586; F. R. A. Franklyn, 208, 1152, 1384
— Dolcoath, 147, 267
— Australian Copper, 266
— East Wynned and Estates Company, W. H. Thompson, 457; 1533
— African diamond fields, T. C. Kitto, 557
— Indian and Indian Glenrock, 58; H. W. Higgins, 113
— African diamonds—Jagersfontein Mine, M. Crowley, 1441
Spanish v. Chilean copper mines, 1254
Spasmodic speculation, 615
Spontaneous combustion, another case of, 727
Spanish National Exhibition of mineralogy and metallurgy, 874, 1473
Stamping machinery, J. Polkinghorne, 1303
State aid for scientific research, 1413
Steatite, O'Hara and Hoar, 321
Sulphureta, treatment of auriferous, E. F. Butlin, 769
Tankerville Great Consols, 208
Tasmania—its climate and mineral wealth, 1533
Tavistock district, the, 88; W. Wrenn, 352
— a visit to, W. B. Cobb, 362
Tolima Mining Company, A. Gray, 1041
Transvaal gold fields, J. H. Walker, 925; 1594
— and hydraulic mining, R. J. Atcherley, 1552
Tresavean Mine, R. Symons, 1224; 1464
Trewitton Mining Company, A. C. Jarvis, 1255
Trevithick memorial, the proposed, 1383, 1415
Truro bridge, valuable discovery east of, 1164
Tin Hill, R. Symons, 23; J. W. Bantock, 88
— trade, 517, 582, 709, 862, 1383
— bounds, R. Symons, 582
— mining in St. Blazey district, 178, 583, 863
— in Alternum, 395
— in Australia, 581
— loss of, 926
— in Devon, 926
— and petroleum in Mexico, G. Wilson, 1473
— ore, East Tregembo Tin Mine, G. M. Henry, 1502
Tinstone, rich parcels of, J. Brenton, 1164
Trentithick Mine, R. Symons, 1474
United Minerals Wheal Rose, 178
Mexican Mining Company, 1473
Union Trust and Greys Brewery Company, 519, 552
Unification of Time, J. Barwise, 646 [582
Upper Severn Mining Company, B. P. Hancock, 519, 710; 719, 850, 116, 178, 238, 266, 299, 362, 395, 427, 460, 487, 513, 550
Van Consols and Glyc. J. Bach, 331
— Old Dylife, and Plympton district, D. Price, 614
Venezuela, new field for British mining enterprise, E. Fortin, 1013; J. A. Skerthley, 1032
Ventilation of close roads in mines where boring-machinery is used, R. J. Frecheville, 1543
— and purification of air in mines and collieries, W. L. Thompson, 1596
Coating metal surfaces with other metal or alloy, H. Reusch, 1901
Cobalt mining in Flintshire, 605
Cockerill, John, Company, 1306
Coke trade, the, 102
Colliers' demands, the, 1338
Colliery explosions, 195, 538
— managers, on the employers' liability Act, 74
— accidents, and the rescue of miners, 523
— ventilation, principles of, 647
— explosions in the North, verdicts on the, 666
— inspectors' reports for 1881—382
— explosions, half year's, 786
— accidents, preventing, 507
— ventilating and working, 196
— explosion and their prevention, 1030
— property, depreciation of, 1183
— explosion in Derbyshire, the, 1370
— and mining wagons, R. Hadfield, 635
— explosion at Clay Cross, the, 1432
— explosion in the Forest of Dean, 1522
— explosions in 1882, fatal, 1582
Colorado mining and industrial exhibition, 741 [1031
Commercial enterprise and trade prospects in South Wales, Company promoters, and shareholders, 75
Compressed fuel for the Navy, 102
— fuel v. coal, 1058
Comstock innovation, the, 383
Concrete mixing, J. Jackson, 1108
Continental steamworks, 571
— completion, 1122
Copper Queen mine of Arizona, the, 10
— from its ore, extracting, W. W. Hughes, 5
— trade, the, 382, 571, 757, 1243, 1581
— mining in Japan, R. J. F. Chevrolle, 661 [417
— and other metals from the ores, extracting, W. Hughes, 661
— metallurgical furnaces, for, Jules Garnier, 127
— purification of precipitated, F. Clauzel, 692
— and manganese mica in America, 759
— produce, foreign, 1243
— precipitate, purification of, D. Watson, 1309
— new system of refining, 506
— mining in the United States, 1412
— system of coke manufacture, 759
Cornish mine dividends and bankers charges, 915
— stamping machinery, 1308
— Mining Institute exhibition, 1534
Corrugated flues in ocean steamers, 354
Crushing gold ore, J. M. Stuart, 448
— and treating auriferous ores, C. J. Appleby, 738
Directors and their removal, 914
Disease and death-rate of miners compared with others, 693
Dividend mines of, 1831, E. Ashmead, 195
Durham explosions and the barometer, 506
Dynamite and blasting gelatine from explosion, protecting, explosion, 935 [W. Howitt, 1243
Dynamogen, M. Petri, 684
Dynamo, the new, J. B. Rogers, 1445
Dynarnic, discovery of the most important law in the nineteenth century, J. V. C. Phillips, 752
Dynamo metallurgy, F. M. F. Cazin, 336
— electric machine, H. A. Harbord, 523
— regulating, Wright and Ormiston, 852
Education, scientific and technical, 1274
East Wheal Rose and others, 1549
Elastic tubular piston packing, Chapman and Harper, 1373
Electric lamps, carbons for, James and Lee, 719
— exhibition at the Crystal Palace, 247, 429
— light engineering, 258
— illumination, Lamp-Soleil, 618
— light in workshops, Robey and Co., 651
— illumination, and the lighting bill, 727
— Sun lamp, 787
— illumination of railway trains, E. T. Starr, 788
— storage and

INDEX TO THE MINING JOURNAL.

SUPPLEMENT, JAN. 20, 1883.

Miners' orphonage, &c., 758
 — permanent relief funds, 882
 — conference, 1082
 — the threatened strike of, 1122, 1274
 — wages question, the, 1152
 — and workmen's grievances, 1162
 — wages agitation, the, 1210
Mineral and heavy railway traffic, 166
 — resources of Colorado, 287, 1523
 — and railways, 250
 — resources of Siberia, 538
 — wealth of Colorado, 538
 — resources of Norway, 603
 — by rail and water, rates of, 563
 — white manufactory of, T. H. Copley, 1044
 — resources of Natal, 1234
 — resources of New South Wales, 1259
 — a new method of separating, 1259
 — fields of Derbyshire and Lincolnshire, 1274
 — resources of Ireland, 1339
 — riches of Siberia, 415
 — resources of Ireland, and their development, 1403
Mining laws of France and Belgium, 1403
 — future of Mexico, 1493
 — explosions and sudden outbursts of gas, 1522
 — explosions and mining warnings, 74, 286
 — legislation, 168
 — legislation, and miners' wages, 1090
 — and metallurgical industries, 194
 — and technical education in Japan, 287
 — and public works in Greece, 415
 — disasters and crimes, 570
 — explosions, and how they are caused, 571
 — enterprise in Colorado, the Rico district, 571
 — enterprise in New Mexico, the Ortiz Grant, 573
 — enterprise on the Gold Coast, 668, 741, 783
 — enterprise on a sound basis, 1157
 — exhibits at the Alcazar Palace, 842
 — in Ireland, coal and iron in Ulster, 851
 — in Central America, placer, 573
 — machinery, successful, Hathorn and Co., 318
 — progress in the Midland fields, 942
 — and technical education, increase of, 942
 — pumping engines, the useful effect of, 944
 — in Westphalia—Stromtanite, 945
 — and industrial enterprise in Ireland, 1003
 — ventilation, ventilators and compressed air, 1031
 — accidents, conference on, 900
 — operations in Scotland, extensive, 1108
Modern railway locomotion, 603
Montgomeryshire—Holywell, 1032
Motive power from hydro-carburetted air, 311
 — power engines, Rostiger and Ray, 509
 — and lighting power of the future, 1658
 — power from falling water, G. Wilson, 1431
New partnership bill, the commandite system, 286
 — ironstone field, discovery of, 226
 — railway engine, 318
 — Calico, 308 [147]
 — Board of Trade regulations for the shipment of coals, Mexico, 516
 — copper alloy, A. Getchell, 500
 — boiler protector, experiments with, 615
 — Terms, 759
 — motive apparatus, J. I. Caso, 1298
 — one liquid galvanic battery, 1332
South Wales, and the International Trade Exhibition at Amsterdam, 1338
 — Cleveland industry, the, 1339
 — chlorination process, N. F. Evans, 1356
 — process in sulphur mining, 1372
 — safety lamp, J. Dunliffe, 1381; 1463
 — method of smelting iron ore, 1425
 — safety-lamps at the Ocean collieries, 1430
 — boiler explosion Act, 1490
 — process of making alumina, J. Webster, 1493
 — salt deposits, 1550 [posed, 1582]
 — railway route between London and South Wales, proposed
Oregum Gold Company, 618
Ore roasting furnaces, new, Witherell and Vary, 788
 — crushing machinery, Mr. Hall, 573
 — silver, lead, and copper, treatment of products, containing, F. M. Lyte, 637
 — crushing and pulverising, J. Taylor, 1092
Oxidising metallic surfaces, G. Bower, 129
Paraffin oil trade, 1371
Paying servants by percentage, 198
Peat, fibrous, treating and utilising, J. A. Loudan, 627
Petroleum, refining in Spain, 417
 — trade, the, 1491
Phoenix Electric Light and Power Company, 883
Phosphor bronze, 1298
Pipes and tubes, amorphous, 865
Pittsburgh, old and new, 1242
Potash, experiments with, 635
Pots, melting and annealing, J. Brown, 273
Pneumatic clocks, 803
 — ore dressing, B. W. Hart, 729
 — pressure as motive power, G. V. Sheffield, 1372
Practical mining, perpendicular shafts, 1332, 1432
Public companies law, applications for shares and withdrawal, 915 [1386]
Pumps, Hosking and Blackwell, 646; Gillimore and Shaw, Pyrites roasting, Lay and Bulford, 5
 — and sulphurates, treating of, Dr. H. Wurtz, 565
Quicksilver from Borneo, 415
 — trade and products in the United States, 1211
Quinine from coal, chemistry of minerals and metals, 613
Railway rates, and the growing of mines, 318
 — and mining in South Australia, 532
 — safety appliances, 1210
 — progress at the Antipodes, 1430
Rails abroad, our, 571, 726, 851, 1402; in the colonies, 942;
 — in British America, 1054; in Australasia, 1274
Reviving trade, 134
Rhonda Valley coal, 103, 414
Rhymney Iron Company, 102, 758
Richmond-Albion litigation, 635
 — Consolidated, 853
Risca Colliery explosion, the fatal, 74
Rock-drill, Cornish patent, 428
 — boring machinery, double action, G. F. Wynne, 126
 — drilling machine, new, 1108
 — drill contest in Cornwall, the, 1151
Rope pump, underground, J. P. Harper, 400
Royal Cornwall Polytechnic Society, 698, 1100, 1114, 1123
 — commission on accidents in mines and mining explosions, 1462
Safety lamps, ambulance practice, 915
 — lamps and mining explosions, 195
 — lamps threatened strike against, 1430
 — blasting with water cartridges, 1490
Sacrifice of shareholders in liquidation, 1463
Sails of soda and manganese, 417
 — mines, system of working in, 726
 — industry of Cleveland, the, 1370
Saving life in collieries, D. R. Jones, 1445
Science teaching in Japan, 1183
Secondary batteries for electrical storage, J. W. Swan, 637; E. Volckman, 736; D. G. Fitzgerald, 1372
 — galvanic batteries, A. Waite, 637
Sectional stonebreaker, C. E. Hall, 475
Ship canal from Manchester to Liverpool, the proposed, 1371
Silicious and aluminous ores, J. P. Kageniusch, 1337
Silver ores, treating refractory, A. S. Steinfeldt, 1509
Slings, utilisation of phosphatic metallo, G. Rocour, 1169
Smoke abatement, progress of, 1445 [563, 1245]
South African diamond-mining—the Standard Company,
 — Australia, 742
 — Wales Miners' Permanent Provident Society, 788
 — standardised the cost book system, 1003
 — African Gold Fields, 1135
 — Wales, the development of, 1370 [Spain], 1462
 — Welsh coal field, and the ensuing Parliamentary campaign—African diamond mines, 1482
Bonhock and Catir Alan Company, 995
Staffordshire iron into steel, conversion of, 740
Stamp heads, raising, S. Jelleyman, 728
Streams for industrial purposes, utilising, G. Falconnier, 475
Steam-pump, direct acting, 197
 — boilers, supplying feed water to, J. Adams, 721
Steel from pyrites, manufacture of, 320
 — Bessemer, manufacture of, 382; J. C. Ramsden, 501
 — wire ropes, preservation of, 226
 — producing sound ingots and castings, 330
 — making in England and America, 104
 — manufacturer of, P. E. Martin, 196
 — in the United States, 254
 — rails in America, 286
 — rails in Canada, 414
 — tempering, 396
 — from pyrites residuum, C. Martin, 1091
 — casting ingots of, J. D. Ellis, 1260
 — manufacture of crucible, 1308 [1243]
 — sugar refining, new process of, Remmers and Williamson, Submarine rock borers, 1463
 — Sulphur mines of Sicily, 227
 — Surveying underground, 343, 618
 — Swanscombe and Neath valleys, trade and prospects in 818
 — Swedish iron deposits, 1107
 — Tequah gold mines, 195

Tankerville Great Consols, 1309
 — Technical education, extension of, 1258
 — Telephonic transmitting apparatus, 845
 — apparatus for mines, E. J. Paterson, 196
Tin and terne plates, Trubshaw and Leyshon, 116
 — plate trade, 538
 — mines in the world, the richest, 943
 — plate waste, utilising, Dr. Hermann Schulte, 1243
 — and tin-plate scrap, separating, L. Bourau, 1372 [852]
Titaniferous spiegeleisen, G. Scott, 1142
Transvaal gold fields, and hydraulic gold mining, 1523
Trades union congress, 1150 [motive, 1275]
Trevithick R., high pressure steam engine and the locomotive, the proposed, 1430
Truck, improved tipping, H. Grafton, 1293
Tube connections, malleable, H. F. Barker, 273 [852]
United Shepherds, Wheal Rose, and the wreckage system, Ventilation of collieries, fans and their useful effects, 1031
Voltic electricity in industrial processes, A. Banks, 501
Victorian gold mines, 227
Victor turbine, F. Neil, 1185
Vielle Montagne Company, 602
Vincent tin mine, 77
Virginia, metallurgy in, 538
Vivian, Sir H. H., 506
Water, controlling the flow of, J. Rawson, 1305
Welsh railways and trade revival, 446
 — safety lamp invention, 1371
Wheat Honey and Trelawny, 1422
White diamonds of South Africa, 1323
Wire tramways for mines, 1122, J. Brown, 1234
Workings and ventilators underground, 571
Wyniad, the future of, 197
York Peninsula copper mines, 383
Yorkshire and Durham lead mines, 446
 — College, coal mining department, 1183
 — lead mines, 1273
Zinc, white, J. Cawley, 430

MISCELLANEOUS.

Abram colliery explosion, 507
Albion, the, 507
Almada and Trito, 138, 1369
Amber deposits, 447
American gold and silver produce, 180
 — import duties on books, 1184
 — patents, 1184
 — mining law, timber, 1307
 — iron trade, the, 1399
Anglo-American club at Freiberg, 255
Anderton Tin Mine, 939, 988
Arsenic trade, 469
Artesian well sinking and boring for minerals, J. G. Cranston fire-proof paint, 11 [ston, 22]
 — and its application, 76
Asia Minor Mining Company, 248, 1269, 1489
Australia, gold in, 11
Australian mining, 1070
 — statistics, 632
Baddesley Colliery explosion, 605, 742
Banquet to a mine manager, 57
Bedford United, 953, 1415, 1429
Bodmin mining district, 302
Bwich, 1429, 1460, 1549
British enterprise in Uruguay, 410
 — gelatin in Victoria, 105
 — Association, the, 1425
California Gold Mines, 272
Canadian notes, 105
Cape Copper Company, 55
Carnarvonshire Great Consols, 248, 1401
Carn Camborne, 1001, 1205, 1429, 1489
Cathedral Consols, 1385
Channel Tunnel, 1031, 1447
Checkweighing at collieries, 739
Cheshire slate trade, the, 1090
Chesterfield and Derbyshire Institute of Mining, Civil, and Chimney, a valuable, 670 [Mechanical Engineers, 1200]
Clausthal mining lectures, 5, and following numbers
 — school, 1491
Cleveland Extension Mineral Railway Company, 960
Colombian hydraulic, 1505
Colonial railways, cheap, 1184
Colorado mines, C. B. Richardson, 1069
Collieries, depreciation in the value of, 1153
 — managers' certificates, 11, 135
 — explosions, and how they are caused, 42, 288, 1332
 — explosions, 167
 — explosions, at Whitehaven, 507
 — enginemen, 1402
Coal shafts in the northern coal fields, sinking, 1492
 — field of South Africa, 1504
 — mines, explosions in, 77
 — in France, 272
 — field in India, the, 447
 — Central India, 942
 — Natal, 1152
 — Westmoreland, discovery of, 469
 — and iron mines in Cumberland, development of, 667
 — spontaneous combustion of, 253
 — in Germany, 1388
 — fields of India—the Kistna district, 1430
 — mines, inspection of, 1491
Companies for working mines, 55
 — law, 327
Compound engines, 1463
Consolidated Mining Company, 55
Copper trade, the, 447, 651, 975, 1185, 1523
 — production, 975
 — mining in North Wales, 1430
 — slate trade, 281
Cranston boring-machinery in Brazil, 729
Cwm Dwyfor Copper, 1337, 1369
Devon Great Consols, 73, 135
Diamond mines, machinery for the, 1167
 — fields, 1243, 1492
 — fields of South Africa, 1554
Diamondines of 1881, E. Ashmead, 166
Dolcoath, 1153
Dorel explosion, the, 1449
Durango Iron Mountain, the, 447
Duton Indian tin production for 1881, 1241
Dynamite, seizure of, 1121
 — heavy penalty for importing unpurified, 1386
East Craven Mine, 286
 — Chilerton, 503
 — Tregemin, 1149, 1461
 — Banbury Gravels, 1244, 1480
 — Cadon, 1429, 1439
 — Wheal Rose Group, 1489
Electro-metallurgy, Elmore's dynamo-machine, 75
Electric lighting, 152, 1401
 — lighting, cost of, 343
 — lighting in the metropolis, 1275
 — lighting of mines, 75
 — lighting in coal mines, 1431
 — lighting in mines, 1492
Electricity, transmission of power by, R. Kennedy, 1553
Emilia Silver, 54
Engineering feat, 447
 — London college of practical, 1243
Engines, powerful passenger, 1576
Eureka (Nevada) district, 191
Exhibition of anemometers, 279
Find of a valuable bed of ore in Furness, 758
Flameless combustion, 875
Fly-wheel, a large, 1211
Fowey Consols—starting the engine, 865
Fox's corrugated flues, 1201
Galvanised iron trade, 1184
Gas lights and safety-lamps in mines, 42
 — a new, 1061
 — explosions in mines, 1153
 — making, profits of, 1211
Geology and vein formation of the Mysore, 114
Geological Survey of Great Britain, 1002
Globe tube works, 1503
Gold in Wales, 23
 — mining in India, the period of suspense, 35
 — tax in Brazil, 124
 — in West Africa, 507
 — in South Africa, 635
 — quartz crushing machinery, 707
 — mining in Australia, 635, 1235
 — mining in Surinam, 988
 — mining in the Transvaal, 1041
 — mining in New Zealand, 1299
 — mining in America, 1425
 — in Norway, 1524
 — fields of India, 1550
Goodreave, 1433
Great Wheal Vor district, 449
 — Western Railway to Southampton, 851
 — Holway, 1121, 1209, 1241, 1273, 1305, 1401, 1461
Green Hurth, 1429

Grylls annual mining sheet, 865
Gunnislake (Clitters), 1241, 1337
Halkyn Deep Level Drainage Company, 787
Hamilton Palace sale, 854
Haven Gold Mining Company, 71
Heaton mining district, 567, 635
Hornachos Silver-Lead Mining Company, 44, 1369, 1492
Hornastle, 647
Homer Hill Colliery, attempted sale of the, 1418
Home mines and the metal trade, 1581
Hungarian Mining Company, 55
Idaho Mining Company—profitable mining, 43; E. Davies, Indian gold mines, 73, 135, 886
 — Kingston and Sandhurst Gold Mining Company, 886
International Coal Exhibition, 1210
Insolvent limited companies, trading with, 75
Inventors' Institute, 1405
Iron and Steel Institute, 975, 1211; visit of to Austria, 1123
Irish railway enterprise, 1091
Isla of Man Mining Company, 239
Kapanga of New Zealand, 657
Killifret and North Buoy, 475
Kimberley diamond mines, 1241
Koepo system of colliery winding, 179
Kohinoor and Donaldson, 248, 1168, 1209, 1241
La Plata Mining and Smelting Company, 73, 246, 349
Lead, tin, and copper mines, home, 911
 — report, 85, 145, 178, 207, 517, 770, 1414
 — production of the world, 1184
 — important discovery of, in Galway, 819
Liability of shareholders, 127
List of smelting companies, 573
 — china-clay works, A. E. Tregay, 789
Lord Derby, and the representation of the mining classes, Lossiemouth Leadworks, 1460 [1582]
Macdonald, A., statue to the late, 1190
Mackean rock-drill, the, 1503, 1534
Manche Geological Society, 56
Map of Canada, 355
Mechanical and marine engineering 1517
Metal trade prospects, 1243
Metallurgical Institution, 1002
Michipicoten Native Copper Company, 789
Midland Institute of Mining, Civil, and Mechanical Engineers, 1405
Mines Regulation Act, 1184 [neers, 149]
 — captains and tail dressers, 1300
 — inspection in North Wales, 879
 — ventilation, new system, of 928
 — of Colorado—Rob Roy group, 1491
 — discipline in, 1523
 — accidents in, 1550
Mineral production at the Irish National Exhibition, 1151
 — resources of New South Wales, 181
 — resources of Arizona, 866
 — resources of Ireland, 1382
 — resources of Colorado, 1491
Mining legislation in 1882, proposed, 10
 — companies of 1881, now, 10
 — in St. Agnes district, 22
 — enterprises in New South Wales, British, 34
 — in New South Wales, 53; R. D. Adams, 85
 — companies limited by guarantee, 55
 — school pupils, 116
 — in the Argentine Republic, 240
 — on the Gold Coast, 699, 1492
 — enterprise in the Pyrenees, 1168
 — in Colorado, 1183
 — prospects, 1300
 — in Chili, 1332
 — case, important, 1339
 — enterprise, successful, the La Plata, 127
 — disputes, 1402
 — the profits of, 1448
 — representation, and Mr. Chamberlain, M.P., 1582
 — accidents in the United States, 1582

Missouri Lead, 1524
Mona Mines, 785, 1121
Moukstone Manganese, 1489
Mountaineer Bay Consols, 1001, 1089, 1121, 1149, 1181, 1209, 1305, 1337, 1369, 1401, 1429, 1461, 1489, 1521
Mount Carbis, 1209
Mulberry Tinworks, 1372